

August 15, 2003

Dear Broken Arrow Citizen,

We need your help! Broken Arrow is embarking on an initiative to reduce risk from man-made and natural hazards: *The Broken Arrow Multi-Hazard Mitigation Plan*. It is the first stage of a tactical scheduling guide that recognizes and mitigates both natural and man-made hazards that threaten Broken Arrow citizens.

The Disaster Mitigation Act of 2000 (DMA 2000) was the latest legislation to improve the planning process and was put into motion on October 10, 2000 when the President signed the Act (Public Law 106-390). Section 322 of the Act specifically addresses mitigation planning at the state & local levels. The Act also provides a completion date in which all cities and/or counties must have their plan in place. The city engineering department started researching for the planning process in October 2002. Many emergency plans and programs will either be created or expanded to encourage better disaster preparedness, insurance coverage, hazard mitigation actions, and the coordination and responsiveness of these plans and programs.

The questionnaire is designed to help us understand household preparedness for disasters. We are developing a strategic plan to prioritize activities for *The Broken Arrow Multi-hazard Mitigation Planning Committee* to construct a plan that will reduce risks from hazards in Broken Arrow. The information you provide in this questionnaire for disaster preparedness and mitigation measures will help improve coordination of risk reduction activities within the city. Additional copies of the survey are available from the City of Broken Arrow web site at www.brokenarrowok.gov or at City hall, 220 S. 1st Street, Broken Arrow, OK 74012.

Your returned survey indicates your willingness to take part in the study. Your participation in this study is voluntary. *All individual survey responses are strictly confidential, and are for research purposes only.*

Your opinions are important to us. Please return your completed survey to City of Broken Arrow, P.O. Box 610, 220 S. 1st Street, Broken Arrow, OK 74013, no later than Tuesday, September 30, 2003. No postage is necessary.

If you have any questions regarding the survey, feel free to contact the City of Broken Arrow Storm Water Division @ 259-8284 or 259-8345.

Thank you for your participation.

Sincerely,

Richard Carter
Mayor

Michael Kadlecik
City Manager

Justin Cook, P.E.
City Engineer

HAZARD MITIGATION SURVEY

Risk reduction activities are those actions you take to protect your home from natural events, such as tornados, floods, or wildfires. You can do nonstructural or retrofits to protect your home's contents against damage, often at minimal cost. You can also conduct structural retrofits to strengthen your home's structure or skeleton, although modifications to a structure tend to be quite involved and generally require the expertise of a registered design professional (engineer, architect or building contractor).

Question	Yes	No	Maybe
1.) Did you consider the occurrence of a hazard when you purchased your home?			
2.) Would you be willing to spend more money on a home that has features that make it more disaster resistant?			
3.) Have you received information to show you ways to make your current home more resistant to disaster?			
4.) If you were offered incentives such as tax breaks, insurance discounts or lower interest on mortgages, would you take additional steps to better protect your family and home from disaster?			

5.) How concerned are you personally about the following disasters affecting Broken Arrow?
(Circle the corresponding number for each hazard)

Natural and Man-Made Disasters	Extremely Concerned	Very Concerned	Concerned	Somewhat Concerned	Not Concerned	Do you have insurance for? (Circle Y, N or Don't Know)		
Expansive Soil	1	2	3	4	5	Yes	No	Don't Know
Drought	1	2	3	4	5	Yes	No	Don't Know
Dam Release/Failure	1	2	3	4	5	Yes	No	Don't Know
Earthquake	1	2	3	4	5	Yes	No	Don't Know
Flood	1	2	3	4	5	Yes	No	Don't Know
Hazardous Material Event	1	2	3	4	5	Yes	No	Don't Know
Wildfire/Urban Fire	1	2	3	4	5	Yes	No	Don't Know
Extreme Heat	1	2	3	4	5	Yes	No	Don't Know
Hail Storm	1	2	3	4	5	Yes	No	Don't Know
Terrorism	1	2	3	4	5	Yes	No	Don't Know
Tornado or Wind Storm	1	2	3	4	5	Yes	No	Don't Know
Winter Storm	1	2	3	4	5	Yes	No	Don't Know
Lightning	1	2	3	4	5	Yes	No	Don't Know

6.) What is the most effective way for you to receive information about how to make your family and home safer from disasters? (Please check all that apply)

- | | | | |
|---|--|---|--|
| <input type="checkbox"/> Newspaper stories | <input type="checkbox"/> Newspaper ads | <input type="checkbox"/> Television news | <input type="checkbox"/> Television ads |
| <input type="checkbox"/> Radio news | <input type="checkbox"/> Radio ads | <input type="checkbox"/> Mail | <input type="checkbox"/> Books |
| <input type="checkbox"/> Internet | <input type="checkbox"/> Magazine | <input type="checkbox"/> Schools | <input type="checkbox"/> Chamber of Commerce |
| <input type="checkbox"/> Fact sheet/brochure | <input type="checkbox"/> Academic Institutions | <input type="checkbox"/> Public workshop/meetings | |
| <input type="checkbox"/> Fire Department/Rescue | <input type="checkbox"/> Outdoor advertisements (billboards, etc.) | <input type="checkbox"/> BA Cable Channel | |
| <input type="checkbox"/> Other (please explain) _____ | | | |

There are many things you can do to prepare for a natural disaster or emergency event. What you have on hand when a disaster strikes, or are trained to do when a disaster strikes can make a big difference for your comfort and safety in the hours and days following the disaster, whether it is a natural disaster or other emergency. Basic services, such as electricity, gas, water and telephones, may be cut off, or you may have to evacuate at a moment's notice. The following questions focus on your household's preparedness for disaster events.

7.) In the following list, please check those activities that you have done in your household, plan to do in the near future, have not done, or are unable to do. (Please check one answer for each preparedness activity)

Have you or someone in your household:

Preparedness activity	Have Plan	Plan To Do	Not Done	Unable To Do
A. Attended meetings or received written information on natural disasters or emergency preparedness?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Talked with members in your household about what to do in case of a natural disaster or emergency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. Developed a "Household/Family Emergency Plan" In order to decide what everyone would do in the event of a household emergency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. Prepared a "Disaster Supply Kit" (Stored extra food, water, batteries, or other emergency supplies)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. In the last year, has anyone in your household trained in first aid or Cardio-Pulmonary Resuscitation (CPR)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8.) Please check one answer for each hazard mitigation issue.

Hazard Mitigation Issue	Possible Mitigation Measure	Extremely Concerned	Very Concerned	Concerned	Somewhat Concerned	Not Concerned
Storm Warning Sirens	Study and upgrade warning sirens to add and expand to warn for hazards other than tornados	1	2	3	4	5
Emergency Operations Center	Build or remodel to provide for a more disaster resistant facility	1	2	3	4	5
Community Emergency Response Team (CERT)	Support the local Citizen's Corp. program to train BA citizens and employees to be CERT Certified	1	2	3	4	5
911 Service where warning sirens don't reach	Seek funding for a "reverse 911" system to reach areas that may be in harms way	1	2	3	4	5
Language/Communication	Make information available in English and Spanish	1	2	3	4	5
Daytime population maps to accurately predict how many people might be trapped or require evacuation during a daytime disaster	Implement daytime population maps	1	2	3	4	5
Geographical Information System (GIS) conversion of utility atlas information	Expand GIS Database to include non-city owned utilities and make available to emergency responders	1	2	3	4	5
Third water source – currently, BA uses water from the Verdigris and Grand River.	Water study to determine a third water source for the citizen's of BA	1	2	3	4	5
Building Codes regarding damage from wind.	Adopt building codes that contain stricter requirements for new construction.	1	2	3	4	5
Expansive soils and foundation that is resistant to these soils	Explore codes for the construction of foundations that avoid expansive soil problems	1	2	3	4	5
Community Storm Shelter Program	City to seek funding for the development of sites for community storm shelters	1	2	3	4	5
Individual Storm Shelter Program	City to petition the federal/state government for tax credit or rebates for installation	1	2	3	4	5

9.) Any hazards not mentioned in this survey? Or other comments regarding hazard mitigation planning?
